INDEX TO VOLUME XXV.

A

Agricultural items,.....83, 68, 165
— society, journal of the royal,...10, 240
— fairs of the royal,.....392
— papers, down on,.....293
— the farmer who does not take,...322
— notes from the west,.....243
— exhibitions for 1868,.....291
Agriculture in the U. S., present state of,.....83
— Chinese,.....207
— attractions of,.....268
Alphonse Karr a market gardener,....47
Animal chemistry, Liebig's,.....65
Animals in the highway,.....181
An editor on his farm,.....242
Ants,.....279
Apple trees, how far apart should they be set?.....150
Astronomical planting,.....79
Asparagus worms,.....107
A few days in Connecticut,.....265

B

Bees, Irish and American,.....82
Barley, a dollar and a half for,.....33
— cultivation of,.....146
— Canada,.....150
Bees, wintering,.....50
— Italian honey,.....86
— in Wisconsin,.....864
Beet for sugar, cultivation of,.....110
Beans,.....150
— Lima,.....119
Birds, how to stuff,.....245
— and insects,.....685
Blankets for sheep,.....48
Bones, more about,.....209
— the best way to use,.....241
Butter, yield of from a small dairy,....49
— making in winter,.....881
— price of,.....119
— to keep cool without a cellar,.....212
Buildings, wash for,.....150
— suitable for a large and small farm,.206
Buckwheat as an exterminator,.....205

C

CATTLE, how to judge,.....18
— fattening in winter,.....239
— grubs in,.....210
— hollow horn in,.....119
— to cure the horn-ail in,.....177
— black-leg in,.....179
— points of fat,.....276
— onions for,.....280
— lice on,.....209, 281
— salt for,.....182
— Ayrshire,.....832
A Devon steer,.....280
Care of young stock in winter,....11
Feeding calves,.....90
Points of a Shorthorn bull & cow, 19
Shall we keep sheep or cows?....78
Training cows and steers,.....119
Cattle market, New York,.....52, 824
Calves, feeding,.....90
Cheese, American in England,.....142
— factories in Oneida county,.....246
Cider making,.....836
Clover, plaster for,.....108
Clover seed,.....150
— in England,.....150
— a great crop of,.....193
Cloves and allspice, about,.....218
Connecticut, a few days in,.....265
CORN, marking out land for,.....117
— Indian,.....147
— for fodder in France,.....205
— in New England,.....345
— for fodder,.....214
— what does it cost to raise a bushel? 176
— seed, gas-tar for,.....247
— large crops of,.....280
— manuring for in the fall,.....841
— meal, feeding to stock,.....307
— shrinkage by drying,.....831
— sweet, for hogs,.....268
— and oilcake,.....869
Cotton in Illinois,.....45, 150, 281
— in California,.....275
— can it be profitably grown in the loyal States?.....324
Cows, how to milk,.....259

C

Cows vs. sheep,.....73
Coffee growing in Vermont,.....277
Cranberries on uplands, cultivation of, 19
— cultivation of,.....344
Crops, the,.....266
Cut-worm, remedy against,.....214

D

Dairying, returns of,.....176
Damage from the frost of August at the West,.....337
Devon steer,.....280
Discussions at the N. Y. State Fair,...308
Does stock require salt?.....182
Dogs, sheep-killing,.....176
Drink, a good summer,.....97
— fresh,.....208
Draining on a large scale,.....194

E

Eggs the year round,.....49
Experiments on the feeding of sheep, 7
Extracts from our correspondence,...178

F

Fair, where shall it be held?.....202
— New York State,.....308
— — — discussions at,.....308
— Provincial, C. W.,.....321
Fairs, agr'l, use and abuse of,.....309
Farmers, keep a diary,.....42
— club, New York,.....179
— clubs, origin of,.....308
— where should English settle?.....45
Farms, the demand for,.....96
— for sale,.....162, 195, 228, 260
— Illinois,.....150
— the price of,.....198
Farm laborers, difficulty of getting good,.....178
— work for December,.....267
Farming in Illinois,.....178
— in Kentucky,.....314
— western,.....17, 244
— how is a man to learn,.....861
— high,.....864
Fat sheep,.....180
Fattening cattle and sheep in winter, 239
Fence, cheap field,.....212
Fences, movable,.....261
Feeding grain pays,.....9, 181
Fish-breeding, artificial,.....366
Flax, preparation of,.....11
— seed crop in Ohio,.....58
— and flax cotton,.....111
— vs. wheat,.....119
Fodder, chaffing,.....82
— straw for,.....861
Formation of nitrates,.....48
Fowls, tailless,.....49
Forces of nature, the,.....888

G

Gate, balance,.....50
Genesee Farmer, is it the oldest agricultural paper in America?.....379
Goats, Cashmere,.....119, 178
Grain and gold,.....161
Grinding and cooking food for pigs,..245
Grubs in cattle,.....210

H

Hay, cut early,.....214
— cost of,.....312
— and corn shrinkage by drying,....831
— liming,.....366
Heating values of different woods,....868
Hemp culture,.....180
High feeding,.....9
— wages and high prices,.....118
Horn distemper—Hollow horn, &c.,.36, 148
HORSES,.....213
— what is the cheapest food for?.....16
— diseases among,.....20
— large and small,.....14, 48
— to break from pulling at the halter, 65
— draught,.....77
— pulling at the halter,.....119
— best for farm purposes,.....212
— government,.....269
— their sense of smell,.....275
— lumps in,.....279
— rock salt for,.....280

H

Horses, to prevent flies from teasing,..313
— how to make docile,.....265
Hog cholera,.....150
Hogs, sweet corn for,.....268
— patrid sore throat in,.....378

I, J

If gold was at par, what would be the price of grain?.....161
Illinois—its products, &c.,.....50
Imports of food into Great Britain,...331
Inquiries and answers, 33, 66, 97, 130, 163, 198, 263, 295, 324, 361
Interesting items from an interesting book,.....114
International wheat show, the,.....312
Johnson, John, letter from,.....292

L

Ladies' department, 28, 62, 94, 126, 159, 191, 224, 257, 289, 318, 377
Land, the value of,.....261
— mistakes in judging,.....268
Lampas in horses,.....279
Lentil, the,.....277
Lice on cattle,.....209
Liming hay,.....366

M

MANURES for tobacco,.....8
— action of,.....74
— applying in the autumn,.....881
Manure, fish for,.....88
— time as a,.....247
— poultry,.....178
— plowing under green crops for,....181
— saving and application of,.....81
— salt as a,.....280
— superphosphate for corn and potatoes,.....79
Manuring for corn in the fall,.....841
Markets, the, 24, 67, 98, 127, 161, 195, 227, 260, 290, 319, 324, 355, 380
Marking sheep,.....277
Measure an acre, to,.....181
Mechi, and the cause of his success,..340
Meadows, top-dressing,.....364
Miscellaneous, 30, 60, 93, 127, 158, 190, 222, 256, 286, 352, 376
Milk, testing the quality of,.....149
Milking cows,.....220, 296
Molasses and sugar,.....313
Money, what to do with it,.....96
My neighbor's experience,.....888

N

Nitrates, formation,.....46
Notes for the month by S. W.,...82, 86, 149, 311, 365
—on back numbers,.....180

O

Oats, Swedish,.....189
Oilcake and corn,.....869
Onions,.....189
Oxen for binding grain,.....247
— worms in,.....119
— great crop of,.....838

P

Peas, cultivation of,.....109
— and potatoes,.....839
— planting garden,.....119
Pea beans,.....116
Peanuts,.....195
Pigs, Suffolk and White Chester,.....117
— grinding and cooking food for,.....245
Pig protectors,.....140
— the desirable points of the,.....342
Pickling wheat to prevent smut,.....314
Planting, astronomical,.....79
Plaster and clover,.....108
— will it pay to use?.....281
Plowing,.....119
— loss of time in turning,.....147
Potatoes,.....271
— Belgian,.....306
Potato disease, the true cause of,.....187
— the,.....193
— blight, the true cause of, determined 18 years ago,.....237
Pork, American,.....329

P

Poultry, fattening,.....15, 48, 333
— house, a model,.....177
— killin and preparation of,.....1
— give meat,.....9
— killing for table use,.....332
Pump, chain repairing a,.....335
Pumpkins, large,.....335
Putrid sore throat in hogs,.....378

R

RECEIPTS—DOMESTIC:

Bannocks,.....350
Beer, hop,.....289
Beef, corned,.....350
Biscuit, Naples,.....89
— raised,.....289
Blanc mange, cornstarch,.....126
Bread, dyspepsia,.....62
Carpets, how to sweep,.....191
Cake, Washington,.....28
— Scotch,.....62
— West Point,.....94
— mountain,.....126
— white,.....150
— cream,.....289
— loaf, without yeast,.....289
— pork,.....289
— delicate,.....289
— Mrs. Garrett's,.....289
— clove,.....289
— Mrs. Wolleott's,.....289
— dame,.....318
— Mrs. Craig's,.....377
— wine, Aunt Howell's,.....377
— sponge,.....377
— cornstarch,.....350, 377
Cakes, corn,.....62
— buckwheat,.....126
— corn griddle,.....159
Cider, sweet,.....318
Cough, whooping, a cure for,.....62
Cookies, superior,.....94
— clove,.....289
Coffee, goo.....126
— best method of preparing,.....159
Cologne,.....289
Crust, potato,.....28
Cream, Spanish,.....62
Curtains, lace and muslin,.....224
Diet for the diarrœa,.....318
Doughnuts,.....62
Flour, how to select,.....257
Frying,.....159
Fritters,.....224
Gingerbread, soft,.....94
— Mrs. Dakin's,.....350
Hard water, how to soften,.....62
Hams, curing,.....289
Jumbles,.....94, 289
Jelly, currant,.....224
Meat, how to cure,.....377
Muffins,.....28, 62
Moths, remedy against,.....350
Omelet,.....94
Pastry,.....28
Papering walls, paste for,.....191
Peaches, preserving in vinegar,..289
Pies, mince,.....28
Pie, lemon,.....191, 289
Picalilli,.....289, 318
Pickles and sweet cider,.....318
Plums, pickled,.....289
Pudding, sweet apple,.....28, 62
— poor man's,.....94
— bread and butter,.....126
— cocoa-nut,.....196
— Cape May,.....191
— baked flour,.....289
— wine and cider sauce for,.....126
— bird's-nest,.....377
Rice balls,.....289
Salve, rose,.....28
Sausages,.....289
Soap, hard,.....191
Soup, beef, for the sick,.....318
Strawberries,.....224
Tomato Soy,.....289
Toast, German, or Crux d'Or,.....350
Transparent paper or cloth,.....224
Vinegar, raspberry,.....224
Waffles, rice,.....62
Wine or cider sauce for puddings,.....126
— rhubarb,.....224
— strawberry,.....224
— currant,.....224
— blackberry,.....289

RECEIPTS—DOMESTIC:

Yeast,.....126, 318
— hop,.....94
— homemade,.....350
Raising improved stock,.....366
Red root,.....178
Rural Annuals, the,.....64

S

Salt as a manure,.....330
Salmon,.....363
Save your poultry dung,.....178
Served him right,.....195
Seeds from the Patent Office,.....259
SHEEP and sheep husbandry,.....80
— a prolific,.....147
— blankets for,.....48
— experiments on feeding,.....7
— fat,.....150
— fattening in winter,.....329
— foot rot in,.....214
— grubs in the head of,.....214
— hurdling on green crops,.....19
— hemlock for,.....108
— high price of,.....146
— in Kansas,.....87
— keep them at home,.....89
— management of in winter,.....58
— mutton, at the West,.....247
— marking,.....277
— one hundred and forty miles of,.....87
— scab in,.....87, 115, 119
— to cure from jumping,.....280
— washing,.....182
— water for,.....16
— what breed shall I keep?.....41
— will it pay to build barns for?.....178
— wintering,.....344
Breeding ewes should not be too highly fed,.....87
Don't send poor sheep to market,.....281
Shall we keep sheep or cows?.....78
Sheep and cattle market,.....324, 381
Shelter for animals,.....363
Skippers in hams, to prevent,.....214

SPIRIT OF THE AG. PRESS:

A profitable peach orchard,.....247
A seasonable suggestion,.....247
Ashes for swine,.....247
Applying manure in the autumn..281
Better prices at the West,.....51
Best varieties of tomatoes,.....61
Beans,.....150
Big hogs,.....119
Cashmere goats,.....119
Canada barley,.....150
Chinese yam,.....214
Clover seed,.....150
— — in England,.....170
Cotton in Illinois,.....150, 281
Corn for fodder,.....214
Crops in Europe,.....214
Cut hay early,.....214
Diseases among army horses,.....20
Don't send poor sheep to market,.....281
Farmers' calling, the,.....20
Fat sheep,.....150
Flax vs. wheat,.....119
Foot rot in sheep,.....214
Gas-tar for seed corn,.....247
Give hens meat,.....20
Good suggestion in regard to the Osier Willow,.....247
Grow more wool,.....87
Grubs in the head of sheep,.....214
Honey, large deposit of,.....20
Horses pulling at the halter,.....119
How far apart should apple trees be set?.....150
Hog cholera,.....150
Hungarian grass,.....119
Illinois farms,.....150
Keep down the weeds,.....247
Lima beans,.....119
Lime sinks in the soil,.....247
Lice on cattle,.....281
Maggots in a hay-stack,.....20
Mutton sheep at the West,.....247
One hundred and forty miles of sheep,.....87
Pedigree wheat,.....51
Planting garden peas,.....119
Plowing,.....119
Potato disease,.....51
Preserve the papers,.....51
Price of butter,.....119
— — wool,.....281

SPIRIT OF THE AG. PRESS:

Remedy against the cut worm,....314
Scab in sheep,.....119
Selling wool on the sheep's back,..87
Sheep in Kansas,.....87
Steeping wheat,.....119
The long drouth,.....214
Time for cutting timber,.....281
Tobacco and grass,.....119
To prevent skippers in hams,.....214
To cleanse wells,.....214
Turnips in milk, taste of,.....20
Wash for buildings,.....150
Wet feet, how to prevent,.....20
Will it pay to use plaster?.....281
Worms in Onions,.....119
Zinc wash for rooms,.....119
Steam culture, poetry of,.....47
— cultivation,.....278
Sterling exchange,.....63
Stock farm, a large,.....107
— and farming in Kentucky,.....314
— too much and too little,.....302
— raising improved,.....366
Straw, feeding value of,.....141
— for fodder,.....381
Superphosphate for corn and potatoes, 79
Sugar cane, Chinese,.....115, 164
— and molasses,.....313
— beet,.....195
Swedes, a good crop of,.....150
Swine, ashes for,.....247

T

Tares or vetches, cultivation of,.....140
Tar, how it is made,.....147
Temperature of the soil, and its effects on cultivated plants,.....208
Thistles, Canada, killing,.....14, 179
— — in Michigan,.....211
Timber, best time to cut,.....279, 281
Tobacco, manures for,.....6
— in Ireland,.....47
— cultivation of,.....105
— and flax,.....119
Tomatoes, best varieties of,.....61
Turnips,.....160
— for hogs,.....342

U

Underdraining land, advantages of,....17
— proper depth of,.....269
— meadows,.....312

W Y

Washing sheep,.....182
Western farming,.....17, 244
Weather, notes on the,...32, 64, 98, 129, 162
196, 225, 322, 354
— hints for farmers,.....218
We need to be more careful,.....33
Weeds,.....207
— keep down the,.....247
— law against,.....302
Where is it best for an English farmer to settle?.....45
What shall I do with my money,.....96
WHEAT, pedigree,.....51
— harrowing in the spring,.....107
— steeping,.....119
— how many times shall we plow for?.....173
— cultivation of in Pennsylvania,.....174
— time of sowing,.....201, 235
— fields, a day in,.....293
— show, international,.....260, 312
— for the exhibition,.....261
— early,.....261
— a talk about,.....291
— top dressing,.....270
— culture in Western New York,....297
— pickling to prevent smut,.....314
— after oats,.....334
— brining,.....336
Wine making,.....309
WOOL,.....225, 293
— luster, the growth of,.....42
— grow more,.....87
— selling on the sheep's back,.....87
— growers' convention of Western New York,.....144
— market,.....161, 193, 239
— tying up,.....194
— price of,.....261
— growing in California,.....309
Young peoples' page....27, 61, 93, 128, 160
192, 223, 258, 287, 320, 351, 378

HORTICULTURAL DEPARTMENT.

A

Apple trees, grafting,..... 121
— — planting,.....150, 187
— orchard, the pest of the,..... 188
Apples, the Red Astrachan and Williams, ... 317
— keeping, ... 372
Arbor Vitæ, insects on,..... 221

B

Big pears and pumpkins,..... 286
Blight, pear tree—again,..... 23
Blue glass for seed b ds,..... 317
Blackberries for wine, value of,..... 189
Bower round a tree stump,..... 159
Boquets from everlasting flowers,..... 316
Bulbs, cultivation of,..... 25
Bug, striped, the,..... 189

C

Canadian fruit in England,..... 21
Cabbage plants,..... 195
Cabbages, h eing,..... 221
— how to grow,..... 378
Carrots, soap-suds for,..... 286
Celery, how to blanch for exhibition,.. 286
Cherry trees, about,..... 216
Coal-tar,..... 125
Cranberries, upland,..... 370
Crow a pine planter, the,..... 374
Currant worm, the,..... 188
Currants,..... 285
Cut-worm, protection from the,..... 286

D F

Dewberry, the,..... 58
Farmers, vegetable,..... 317
Fruits, Canadian, in England,..... 21
Fruit farm in Illinois..... 55
— growers' society of Western New York,.....56, 222, 346
— preserving..... 286
— region of Michigan, the,..... 372
— random words about,..... 373
Flowers, our prize,..... 88
— what they think of it—A dialogue,. 258
Flower beds, arranging,..... 121

G

Gardens, underdraining,..... 155
Garden, how to enrich,..... 156
Grapes, chemical analysis of,..... 58
— grafting, &c.,..... 217
— packing,..... 374
Grape vine, cultivation of the,..... 121
— vines, covering in winter,..... 378
— a Japanese,..... 285

H

Hedges, white willow for,..... 91
Horticultural items from foreign journals,..... ...26, 59, 124, 255
— notes,..... 317
— — for the month..... 190
Horticulturists, death of distinguished, 218
Horticulture at the State Fair,..... 315
How to enrich a garden,..... 156
Hydropult, the,..... 219

I J

Insects on the Arbor Vitæ,..... 221
Juniper, weeping,..... 22

M N

Marking trees,..... 284
Nurseries, Japanese commercial,..... 254

O

Onions, hoeing,..... 189
Orchards, cultivate,..... 25, 91
— what shall be done with old?..... 128
— underdraining,..... 155
— shelter and protection of,..... 370
Ornamenting vacant fire-places in summer,..... 284

P

Packing grapes,..... 374
Pear tree blight,..... 23
— a panacea, the,..... 23
— British Queen,..... 221
— trees, cultivating and manuring,... 374
Pears and pumpkins, big,..... 286
Peaches, cultivation of in New Jersey, 157
Peach orchard, a profitable,..... 247

P

Pest of the apple orchard, the,..... 188
Preserving fruit,..... 286
Protection from the cut-worm,..... 286
Planting raspberries,..... 124

R

Raspberry planting..... 124
— the Philadelphia,..... 286
Raising tomato plants,..... 128
Roots of trees,..... 156
Roses, new English,..... 91
Rustic chair, a beautiful,..... 91

S

Salsify, cultivation of,..... 219
Seed beds, blue glass for,..... 317
Shelter and protection of orchards,... 370
Shrubbery, lay down in winter,..... 372
Soap suds for carrots,..... 286
Sod land, paring and burning,..... 250
State fair, horticulture at, ... 315
Striped bug, the..... 189
Strawberry exhibition in New York,.. 221
— beds, renewing,..... 254
Strawberries,..... 252
— sexuality of,..... 251
— what varieties to plant,..... 254

T

Tea plant, a new,..... 374
Thorburn, Grant,..... 156
Tomato plants, raising,..... 128
— tree,..... 221
Tree murder,..... 187
Trees, roots of,..... 286
— marking,..... 284
— forest, rapid growth of,..... 317
— at the West, Longevity of,..... 374

V W

Vine disease, disappearance of,..... 374
Walks and talks in the garden,...151, 183
215, 248, 269
"Walks and talks in the garden,".... 189
What is the cause?..... 155
Wine, value of blackberries for,..... 189

INDEX TO ILLUSTRATIONS.

DOMESTIC ANIMALS.

Ayrshire bull, ... 833
Bratted sheep, ... 48
Brood sow (2 figs.) 842
Clydesdale stallion, ... 77
Cashmere goats, male and female, ... 172, 173
Draught horse, ... 77
— stallion, ... 78
— mare, ... 79
Devon steer, ... 280
Ox, side view of a ripe fat, ... 13, 843
— rear view of a ripe fat, ... 13, 843
— front view of a ripe fat, ... 13, 843
— back view of a ripe fat, ... 14, 844
Pig, Cumberland and Yorkshire small white breed, ... 843
— side view of a well-formed, ... 842
Points of fat cattle, ... 276
Shorthorn bull, ... 12
— cow, ... 12
Suffolk stallion, ... 76

TREES AND PLANTS.

Clover, ... 108
Chinese sugar cane, ... 115
Common tare or vetch, ... 140
— lentil, ... 177
Tobacco plant ready for topping, ... 105
— — after topping, ... 105
— — with the suckers growing, ... 105
— hanging on the poles, ... 106
— stacked after stripping, ... 107
Turnips, (18 figs.) 169, 170, 171
Weeping Juniper, ... 32

IMPLEMENTS AND MACHINES.

Halkett's "guldewitz steam culture," 46
Kook for twisting straw bands, ... 367
New Jersey corn-marker, ... 117
Common corn-marker, ... 117

FLOWERS.

Balsam, or Lady's Slipper, ... 88
Candytuft, ... 89
Dwarf Convolvulus, ... 89
Giant Emperor Aster in flower, ... 83
German Ten-week Stock, ... 89
Helichrysum, ... 90
Portulacca, ... 90
Phlox Drummondii, ... 90
Rocket Larkspur, ... 90
Salpiglossis, ... 90

POULTRY.

Fat and lean turkeys, ... 45
Tailless fowls, ... 46

MISCELLANEOUS.

A fox taken prisoner, ... 275
Balance gate, ... 30
Beautiful rustic chair, ... 31
Box for covering small plants, ... 131
Crocus holder, ... 135
Grafting apple trees, (4 figs.) 131
Herring-bone stitch, (2 figs.) 284
Marking trees, ... 284
Milking, ... 286
Mouse penwiper, ... 30
Pinching fruit trees, ... 135
Portrait of Grant Thorburn, ... 193
— — William Darlington, ... 213
— — John A. Kennicott, ... 219
— — J. J. Mechi, ... 240
Plant case, ... 240
Salt trough, ... 243
Training the grape vine, ... 272
Trial for murder, ... 251
Tree stump prepared for a bower, ... 134
The same more advanced, ... 134
Washing sheep in Australia, ... 240